

[illegible]

```

MM          MM          AAAAAA          PPPPPPPP
MM          MM          AAAAAA          PPPPPPPP
MMMM        MMMM        AA              AA          PP          PP
MMMM        MMMM        AA              AA          PP          PP
MM          MM          MM          AA          AA          PP          PP
MM          MM          MM          AA          AA          PP          PP
MM          MM          MM          AA          AA          PPPPPPPP
MM          MM          MM          AA          AA          PPPPPPPP
MM          MM          MM          AAAAAAAAAA          PP
MM          MM          MM          AAAAAAAAAA          PP
MM          MM          MM          AA              AA          PP
MM          MM          MM          AA              AA          PP
MM          MM          MM          AA              AA          PP
MM          MM          MM          AA              AA          PP

```



```

+-----+
! Object Module Synopsis !
+-----+

```

Module Name	Ident	Bytes	File	Creation Date	Creator
OPC\$OPCOMMAIN	V04-000	582	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:33	VAX-11 Bliss-32 V4.0-742
OPC\$CANCEL	V04-000	588	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:17	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMUTIL	V04-000	1715	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:37	VAX-11 Bliss-32 V4.0-742
OPC\$CLUMBX	V04-000	625	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:19	VAX-11 Bliss-32 V4.0-742
OPC\$CLUSMSG	V04-000	1922	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:21	VAX-11 Bliss-32 V4.0-742
OPC\$CLUSREPLY	V04-000	481	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:23	VAX-11 Bliss-32 V4.0-742
OPC\$CLUSUTIL	V04-000	1172	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:24	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMOLD	V04-000	887	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:34	VAX-11 Bliss-32 V4.0-742
OPC\$ALLOCATE	V04-000	594	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:16	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMDATA	V04-000	980	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:31	VAX-11 Bliss-32 V4.0-742
OPC\$DEVICE	V04-000	681	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:28	VAX-11 Bliss-32 V4.0-742
OPC\$LOGEVENT	V04-000	1790	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:29	VAX-11 Bliss-32 V4.0-742
OPC\$TIMESTAMP	V04-000	658	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:57	VAX-11 Bliss-32 V4.0-742
OPC\$LOGFILE	V04-000	345	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:30	VAX-11 Bliss-32 V4.0-742
OPC\$OPERUTIL	V04-000	1385	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:39	VAX-11 Bliss-32 V4.0-742
OPC\$SHARE_VM	V03-001	28	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMINIT	V04-000	621	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:32	VAX-11 Bliss-32 V4.0-742
OPC\$SHARE_INITOPERNAM	V03-001	385	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742
OPC\$OPRENABLE	V04-000	1311	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:41	VAX-11 Bliss-32 V4.0-742
OPC\$REPLYBRD	V04-000	2143	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:42	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMRPLY	V04-000	977	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:35	VAX-11 Bliss-32 V4.0-742
OPC\$OPCOMRQST	V04-000	917	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:36	VAX-11 Bliss-32 V4.0-742
OPC\$SECURITY	V04-000	9966	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:48	VAX-11 Bliss-32 V4.0-742
OPC\$SHARE_FAOBUF	V03-001	558	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742
OPC\$SHARE_DEVNAME	V04-000	256	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:53	VAX-11 Bliss-32 V4.0-742
OPC\$SHUTDOWN	V04-000	236	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:56	VAX-11 Bliss-32 V4.0-742
OPC\$SHUTDOWNL	V03-001	36	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:56	VAX-11 Bliss-32 V4.0-742
OPC\$STATUS	V04-000	239	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:57	VAX-11 Bliss-32 V4.0-742
OPC\$UNKNOWN	V04-000	55	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:59	VAX-11 Bliss-32 V4.0-742
OPC\$CLUSCOMM	V04-000	1232	-\$255\$DUA28:[OPCOM.OBJ]OPCOM.OLB;1	16-Sep-1984 01:20	VAX-11 Bliss-32 V4.0-742
SYS	V04-000	0	-\$255\$DUA28:[SYSOBJ]SYS.STB;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
LIB\$VM	2-046	676	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:20	VAX-11 Bliss-32 V4.0-742
LIB\$PUT_OUTPUT	1-006	262	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-Sep-1984 01:08	VAX-11 Bliss-32 V4.0-742
LIB\$SIGNAL	1-018	220	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:18	VAX/VMS Macro V04-00
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00
SYSSP1_VECTOR	V04-000	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
LIB\$ANALYZE_SDESC	1-003	101	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:47	VAX/VMS Macro V04-00
LIB\$MSGDEF	2-018	0	-\$255\$DUA28:[SYSLIB]STARLET.OLB;2	15-SEP-1984 23:43	VAX-11 Message V04-00

+-----+
! Program Section Synopsis !
+-----+

Psect Name	Module Name	Base	End	Length	Align	Attributes
SPLITS		00000200	0000166F	00001470 (	5232.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD,NOWRT,NOVEC
	OPC\$OPCOMMAIN	00000200	0000023B	0000003C (	60.)	LONG 2
	OPC\$CANCEL	0000023C	0000027B	00000040 (	64.)	LONG 2
	OPC\$OPCOMUTIL	0000027C	0000028C	00000011 (	17.)	LONG 2
	OPC\$CLUMBX	00000290	000002D7	00000048 (	72.)	LONG 2
	OPC\$CLUSMSG	000002D8	00000453	0000017C (	380.)	LONG 2
	OPC\$CLUSREPLY	00000454	000004EF	0000009C (	156.)	LONG 2
	OPC\$OPCOMDATA	000004F0	0000054B	0000005C (	92.)	LONG 2
	OPC\$DEVICE	0000054C	0000057B	00000030 (	48.)	LONG 2
	OPC\$LOGEVENT	0000057C	00000797	0000021C (	540.)	LONG 2
	OPC\$LOGFILE	00000798	000007AF	00000018 (	24.)	LONG 2
	OPC\$OPERUTIL	000007B0	000007F3	00000044 (	68.)	LONG 2
	OPC\$OPCOMINIT	000007F4	00000809	00000016 (	22.)	LONG 2
	OPC\$OPRENABLE	0000080C	00000847	0000003C (	60.)	LONG 2
	OPC\$REPLYBRD	00000848	0000084F	00000008 (	8.)	LONG 2
	OPC\$OPCOMRPLY	00000850	000008EB	0000009C (	156.)	LONG 2
	OPC\$OPCOMRQST	000008EC	0000092F	00000044 (	68.)	LONG 2
	OPC\$SECURITY	00000930	000014B7	00000B88 (	2952.)	LONG 2
	OPC\$SHUTDOWN	000014B8	00001513	0000005C (	92.)	LONG 2
	OPC\$UNKNOWN	00001514	00001537	00000024 (	36.)	LONG 2
	OPC\$CLUSCOMM	00001538	0000166F	00000138 (	312.)	LONG 2
\$GLOBAL\$		00001800	00001CAB	000004AC (	1196.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	OPC\$OPCOMMAIN	00001800	00001803	00000004 (	4.)	LONG 2
	OPC\$OPCOMDATA	00001804	00001B2B	00000328 (	808.)	LONG 2
	OPC\$TIMESTAMP	00001B2C	00001B2F	00000004 (	4.)	LONG 2
	OPC\$SHARE_INITOPERNAM	00001B30	00001C2F	00000100 (	256.)	LONG 2
	OPC\$REPLYBRD	00001C30	00001C67	00000038 (	56.)	LONG 2
	OPC\$SHUTDOWNL	00001C68	00001C6B	00000004 (	4.)	LONG 2
\$OWNS	OPC\$CLUSCOMM	00001C6C	00001CAB	00000040 (	64.)	LONG 2
		00001CAC	0000312F	00001484 (	5252.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	OPC\$OPCOMUTIL	00001CAC	00001E53	000001A8 (	424.)	LONG 2
	OPC\$CLUSUTIL	00001E54	00001ECF	0000007C (	124.)	LONG 2
	OPC\$LOGEVENT	00001ED0	000020D7	00000208 (	520.)	LONG 2
	OPC\$TIMESTAMP	000020D8	000020FF	00000028 (	40.)	LONG 2
	OPC\$LOGFILE	00002100	00002107	00000008 (	8.)	LONG 2
	OPC\$OPCOMINIT	00002108	0000214B	00000044 (	68.)	LONG 2
	OPC\$SECURITY	0000214C	00002E68	00000D1D (	3357.)	LONG 2
	OPC\$SHARE_FAOBUF	00002E6C	00003073	00000208 (	520.)	LONG 2
	OPC\$SHARE_DEVNAME	00003074	0000312F	000000BC (	188.)	LONG 2
SSCB_ENTRY		00003130	0000316F	00000040 (	64.)	LONG 2 NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	OPC\$OPCOMDATA	00003130	0000316F	00000040 (	64.)	LONG 2

Psect Name	Module Name	Base	End	Length	Align	Attributes
SSCB_TABLE	OPC\$OPCOMDATA	00003170	0000317F	00000010 (	16.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
		00003170	0000317F	00000010 (	16.) LONG 2	
SCODES	OPC\$OPCOMMAIN	00003200	0000867B	0000547C (	21628.) LONG 2	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
	OPC\$CANCEL	00003200	00003405	00000206 (	518.) LONG 2	
	OPC\$COMUTIL	00003408	00003613	0000020C (	524.) LONG 2	
	OPC\$CLUMBX	00003614	00003B0D	000004FA (	1274.) LONG 2	
	OPC\$CLUSMSG	00003B10	00003D38	00000229 (	553.) LONG 2	
	OPC\$CLUSREPLY	00003D3C	00004341	00000606 (	1542.) LONG 2	
	OPC\$CLUSUTIL	00004344	00004488	00000145 (	325.) LONG 2	
	OPC\$OPCOMOLD	0000448C	000048A3	00000418 (	1048.) LONG 2	
	OPC\$ALLOCATE	000048A4	00004C1A	00000377 (	887.) LONG 2	
	OPC\$DEVICE	00004C1C	00004E6D	00000252 (	594.) LONG 2	
	OPC\$LOGEVENT	00004E70	000050E8	00000279 (	633.) LONG 2	
	OPC\$TIMESTAMP	000050EC	000053C5	000002DA (	730.) LONG 2	
	OPC\$LOGFILE	000053C8	0000562D	00000266 (	614.) LONG 2	
	OPC\$OPERUTIL	00005630	00005768	00000139 (	313.) LONG 2	
	OPC\$SHARE_VM	0000576C	00005C90	00000525 (	1317.) LONG 2	
	OPC\$OPCOMINIT	00005C94	00005CAF	0000001C (	28.) LONG 2	
	OPC\$SHARE_INITOPERNAM	00005CB0	00005EC2	00000213 (	531.) LONG 2	
	OPC\$OPRENAME	00005EC4	00005F44	00000081 (	129.) LONG 2	
	OPC\$REPLYBRD	00005F48	0000642A	000004E3 (	1251.) LONG 2	
	OPC\$OPCOMRPLY	0000642C	00006C4A	0000081F (	2079.) LONG 2	
	OPC\$OPCOMRQST	00006C4C	00006F80	00000335 (	821.) LONG 2	
	OPC\$SECURITY	00006F84	000072D4	00000351 (	849.) LONG 2	
	OPC\$SHARE_FAOBUF	000072D8	00008120	00000E49 (	3657.) LONG 2	
	OPC\$SHARE_DEVNAME	00008124	00008149	00000026 (	38.) LONG 2	
	OPC\$SHUTDOWN	0000814C	0000818F	00000044 (	68.) LONG 2	
	OPC\$STATUS	00008190	0000821F	00000090 (	144.) LONG 2	
	OPC\$UNKNOWN	00008220	0000830E	000000EF (	239.) LONG 2	
	OPC\$CLUSCOMM	00008310	00008322	00000013 (	19.) LONG 2	
		00008324	0000867B	00000358 (	856.) LONG 2	
SHUTDOWN	OPC\$SHUTDOWNL	00008800	0000881F	00000020 (	32.) PAGE 9	NOPIC,USR,CON,REL,LCL,NOSHR, EXE, RD,NOWRT,NOVEC
		00008800	0000881F	00000020 (	32.) PAGE 9	
_LIB\$DATA	LIB\$VM	00008A00	00008A43	00000044 (	68.) LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	LIB\$PUT_OUTPUT	00008A00	00008A3F	00000040 (	64.) LONG 2	
	LIB\$ANALYZE_SDESC	00008A40	00008A41	00000002 (	2.) LONG 2	
		00008A44	00008A44	00000000 (	0.) LONG 2	
_LIB\$CODE	LIB\$VM	00008C00	000090A8	000004A9 (	1193.) LONG 2	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	LIB\$PUT_OUTPUT	00008C00	00008E63	00000264 (	612.) LONG 2	
	LIB\$SIGNAL	00008E64	00008F67	00000104 (	260.) LONG 2	
	LIB\$ANALYZE_SDESC	00008F68	00009043	000000DC (	220.) LONG 2	
		00009044	000090A8	00000065 (	101.) LONG 2	

Vir
Sta
Ima
Ima
Num
Num
Num
Num
Use
Ima
Map
EstPer
---Tot
Usi
Tot
Num

55

A t

LIN
T/O
CLU

+-----+
! Symbol Cross Reference !
+-----+

Symbol	Value	Defined By	Referenced By ...
ALLOCATE_DS	00004C1C-R	OPC\$ALLOCATE	OPC\$ALLOCATE OPC\$CLUSMSG OPC\$DEVICE OPC\$OPRENABLE OPC\$CANCEL OPC\$OPCOMDATA OPC\$OPCOMRQST OPC\$OPRENABLE
ASCID_INVALIDRQCB	00000544-R	OPC\$OPCOMDATA	OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPCOMRPLY OPC\$OPERUTIL
BOD_ALLOCATED	00001C30-R	OPC\$REPLYBRD	
BOD_BUSY_COUNT	00001C34-R	OPC\$REPLYBRD	
BOD_BUSY_MAX	00001C38-R	OPC\$REPLYBRD	
BOD_BUSY_QUEUE	00001C40-R	OPC\$REPLYBRD	
BOD_FREE_QUEUE	00001C48-R	OPC\$REPLYBRD	
BOD_GARBAGE_QUEUE	00001C58-R	OPC\$REPLYBRD	
BOD_REQUESTS	00001C3C-R	OPC\$REPLYBRD	
BOD_WAIT_QUEUE	00001C50-R	OPC\$REPLYBRD	
BUG\$ OPERCRASH	000006D8	SYS	OPC\$SHUTDOWNL
BYPASS PRIV	00001AF4-R	OPC\$OPCOMDATA	OPC\$OPCOMUTIL OPC\$TIMESTAMP
CANCELED RQST Q	00001AC0-R	OPC\$OPCOMDATA	OPC\$CLUSMSG
CANCEL_CLM_HANDLER	00003547-R	OPC\$CANCEL	OPC\$OPCOMMAIN
CANCEL_HANDLER	00003408-R	OPC\$CANCEL	OPC\$OPERUTIL
CHECK_OPER_COVERAGE	0000576C-R	OPC\$OPERUTIL	OPC\$OPCOMOLD OPC\$OPRENABLE OPC\$LOGFILE OPC\$OPCOMRQST OPC\$SECURITY
CHECK_REQUEST	00003614-R	OPC\$OPCOMUTIL	
CLUMBX_HANDLER	00003B10-R	OPC\$CLUMBX	
CLUSCOMM_COD_ALLOCATE	00008324-R	OPC\$CLUSCOMM	
CLUSCOMM_COD_ERROR	000084B4-R	OPC\$CLUSCOMM	
CLUSCOMM_COD_ERROR_AST	000084F1-R	OPC\$CLUSCOMM	
CLUSCOMM_DECLARE_KERNEL_AST	0000839E-R	OPC\$CLUSCOMM	
CLUSCOMM_OUTPUT_KERNEL_AST	000083AE-R	OPC\$CLUSCOMM	
CLUSCOMM_SEND	00008565-R	OPC\$CLUSCOMM	OPC\$CLUSMSG WK-OPC\$REPLYBRD
CLUSCOMM_SEND_ONE	000085D2-R	OPC\$CLUSCOMM	
CLUSCOMM_TARGET_IN_QUEUE	00008657-R	OPC\$CLUSCOMM	
CLUSMSG_ACK_PLEASE	00003D3C-R	OPC\$CLUSMSG	OPC\$OPCOMINIT
CLUSMSG_CLM_ACK_HANDLER	00003D9E-R	OPC\$CLUSMSG	
CLUSMSG_CLM_ACK_PLEASE_HANDLER	00003DD2-R	OPC\$CLUSMSG	
CLUSMSG_CLM_NOTIFY_HANDLER	00003E4A-R	OPC\$CLUSMSG	
CLUSMSG_CONV_CLM_RQCB	00003EC8-R	OPC\$CLUSMSG	OPC\$CANCEL OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$OPCOMMAIN OPC\$CANCEL OPC\$CLUSUTIL OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY
CLUSMSG_HANDLER	00004066-R	OPC\$CLUSMSG	OPC\$OPCOMRPLY OPC\$OPERUTIL
CLUSMSG_RQCB_SEND	000041A3-R	OPC\$CLUSMSG	OPC\$CLUMBX OPC\$DEVICE OPC\$OPCOMRQST OPC\$OPRENABLE

Symbol	Value	Defined By	Referenced By ...
CLUSMSG_STATE_SEND	00004279-R	OPC\$CLUSMSG	OPC\$TIMESTAMP
CLUSREPLY_RPYBRD_HANDLER	00004344-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSREPLY_RPYBRD_LOCAL_HANDLER	00004387-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSREPLY_RPYNOT_HANDLER	0000443B-R	OPC\$CLUSREPLY	OPC\$CLUSMSG
CLUSUTIL_CONFIGURE	000044B5-R	OPC\$CLUSUTIL	OPC\$CLUMBX OPC\$OPCOMINIT OPC\$CLUSCOMM
CLUSUTIL_FIND_NODE_BY_CSID	000045BB-R	OPC\$CLUSUTIL	OPC\$CLUSMSG
CLUSUTIL_FIND_NODE_BY_NAME	000045DF-R	OPC\$CLUSUTIL	
CLUSUTIL_FIND_NODE_BY_SYSTEMID	0000460C-R	OPC\$CLUSUTIL	
CLUSUTIL_INCR_SEQUENCE	00004637-R	OPC\$CLUSUTIL	OPC\$OPCOMRQST
CLUSUTIL_INIT	00004657-R	OPC\$CLUSUTIL	OPC\$OPCOMINIT
CLUSUTIL_NEXT_SEQUENCE	000046E3-R	OPC\$CLUSUTIL	OPC\$ALLOCATE
CLUSUTIL_NODE_ACTIVATE	000046F4-R	OPC\$CLUSUTIL	OPC\$CLUSMSG
CLUSUTIL_NODE_INACTIVATE	00004718-R	OPC\$CLUSUTIL	
CLUSUTIL_NODE_MESSAGE	000047CD-R	OPC\$CLUSUTIL	OPC\$CLUSCOMM OPC\$OPCOMINIT
CLUSUTIL_NODE_START	0000485D-R	OPC\$CLUSUTIL	
CLUSUTIL_SYSTEMID_EQUAL	00004891-R	OPC\$CLUSUTIL	OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$OPCOMMAIN
CNCL_HANDLER	000048A4-R	OPC\$OPCOMOLD	
COD_ALLOCATED	00001C6C-R	OPC\$CLUSCOMM	
COD_BUSY_COUNT	00001C70-R	OPC\$CLUSCOMM	
COD_BUSY_MAX	00001C74-R	OPC\$CLUSCOMM	
COD_BUSY_NODE	00001C78-R	OPC\$CLUSCOMM	OPC\$SHUTDOWN
COD_BUSY_QUEUE	00001C8C-R	OPC\$CLUSCOMM	OPC\$SHUTDOWN
COD_ERRORS	00001C7C-R	OPC\$CLUSCOMM	
COD_FLUSHED	00001C80-R	OPC\$CLUSCOMM	
COD_FREE_QUEUE	00001C94-R	OPC\$CLUSCOMM	
COD_GARBAGE_QUEUE	00001CA4-R	OPC\$CLUSCOMM	
COD_QUEUED	00001C88-R	OPC\$CLUSCOMM	
COD_REQUESTS	00001C84-R	OPC\$CLUSCOMM	
COD_WAIT_QUEUE	00001C9C-R	OPC\$CLUSCOMM	
CREATE_OCD	00004CC3-R	OPC\$ALLOCATE	OPC\$OPRENABLE
DEALLOCATE_DS	00004D44-R	OPC\$ALLOCATE	OPC\$ALLOCATE OPC\$OPCOMUTIL OPC\$ALLOCATE OPC\$OPRENABLE
DEALLOCATE_MCB	00004D92-R	OPC\$ALLOCATE	
DEALLOCATE_OCD	00004DCD-R	OPC\$ALLOCATE	
DEALLOCATE_RQCB	00004E17-R	OPC\$ALLOCATE	OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY OPC\$TIMESTAMP OPC\$OPCOMOLD OPC\$OPCOMMAIN OPC\$TIMESTAMP OPC\$CANCEL OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$OPCOMMAIN
DEVICE_FAO	00001AE0-R	OPC\$OPCOMDATA	OPC\$CLUMBX OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$STATUS
DEVICE_HANDLER	00004E70-R	OPC\$DEVICE	OPC\$OPERUTIL
DISABLED_OPER_Q	00001AB8-R	OPC\$OPCOMDATA	
DUMP_LOG_FILE	000050EC-R	OPC\$LOGEVENT	OPC\$CLUMBX OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY

Symbol -----	Value -----	Defined By -----	Referenced By ... -----	
EXESALLOC_CSD	8000388E	SYS	OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$SHUTDOWN OPC\$CLUSCOMM OPC\$CLUSCOMM OPC\$CLUSCOMM OPC\$OPCOMINIT OPC\$OPRENABLE OPC\$OPCOMRQST OPC\$SECURITY OPC\$LOGFILE OPC\$OPRENABLE	OPC\$OPCOMUTIL OPC\$OPRENABLE OPC\$UNKNOWN
EXESCSP_CALL	800038A0	SYS		
EXESDEALLOC_CSD	80003894	SYS		
EXESSETOPR	8001594D	SYS		
FIND_OCD	0000368A-R	OPC\$OPCOMUTIL		OPC\$OPERUTIL
FIND_OPERATOR	000057CD-R	OPC\$OPERUTIL		OPC\$OPRENABLE
FINISHED	00001800-R	OPC\$OPCOMMAIN		OPC\$OPCOMRPLY OPC\$STATUS
FORMAT_ALARM	0000747D-R	OPC\$SECURITY		
FORMAT_MESSAGE	0000371C-R	OPC\$OPCOMUTIL		
GLOBAL_STATUS	00001B28-R	OPC\$OPCOMDATA	OPC\$CANCEL OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$STATUS OPC\$ALLOCATE OPC\$CLUSMSG OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMMAIN OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPERUTIL OPC\$CLUSMSG OPC\$CLUSMSG OPC\$OPRENABLE OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPERUTIL OPC\$SHUTDOWN OPC\$ALLOCATE OPC\$CLUSUTIL OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$CLUSREPLY OPC\$OPCOMRQST	OPC\$CLUMBX OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY OPC\$TIMESTAMP OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$LOGEVENT OPC\$OPCOMINIT OPC\$OPCOMOLD OPC\$OPCOMUTIL OPC\$OPRENABLE
IMPLICITLY_CANCELED	0000557D-R	OPC\$TIMESTAMP		OPC\$STATUS
IMPLICIT_DISABLE	0000584D-R	OPC\$OPERUTIL		
IMPLIED_CANCEL	000055F0-R	OPC\$TIMESTAMP		OPC\$STATUS
IMPLIED_DISABLE	00005628-R	OPC\$TIMESTAMP		
INTERPRET_MASK	000038AC-R	OPC\$OPCOMUTIL		OPC\$STATUS
LCL_CSID	00001B10-R	OPC\$OPCOMDATA	OPC\$CLUSMSG OPC\$CLUSMSG OPC\$CLUSMSG OPC\$OPRENABLE OPC\$CLUSMSG OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPERUTIL OPC\$SHUTDOWN OPC\$ALLOCATE OPC\$CLUSUTIL OPC\$OPCOMRQST OPC\$OPERUTIL OPC\$CLUSREPLY OPC\$OPCOMRQST	OPC\$CLUSCOMM OPC\$CLUSUTIL OPC\$OPCOMUTIL WK-OPC\$REPLYBRD
LCL_NOD	00001B14-R	OPC\$OPCOMDATA		OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$OPCOMINIT OPC\$SECURITY
LCL_NODENAME	00001AFC-R	OPC\$OPCOMDATA		
LIB\$GGL_FREVM_C	00008A38-R	LIB\$VM		
LIB\$GGL_GETVM_C	00008A34-R	LIB\$VM		
LIB\$GGL_VMINUSE	00008A3C-R	LIB\$VM		
LIB\$ANALYZE_SDESC	00009044-R	LIB\$ANALYZE_SDESC		
LIB\$ANALYZE_SDESC_R2	00009059-R	LIB\$ANALYZE_SDESC		
LIB\$FREE_VM	00008D8A-R	LIB\$VM	LIB\$PUT_OUTPUT	
LIB\$GET_VM	00008C00-R	LIB\$VM	OPC\$SHARE_VM OPC\$SHARE_VM	
LIB\$PUT_OUTPUT	00008E70-R	LIB\$PUT_OUTPUT	OPC\$REPLYBRD	

Symbol	Value	Defined By	Referenced By ...
LIB\$SIGNAL	00008F6E-R	LIB\$SIGNAL	
LIB\$STOP	00008F68-R	LIB\$SIGNAL	
			OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMRPLY OPC\$OPCOMUTIL OPC\$SECURITY OPC\$TIMESTAMP OPC\$CLUSCOMM OPC\$CLUSUTIL OPC\$OPCOMMAIN OPC\$OPCOMRQST OPC\$REPLYBRD OPC\$SHARE_INITOPERNAM
LIB\$_BADBLOADR	00158264	LIB\$MSGDEF	
LIB\$_BADBLOSIZ	0015826C	LIB\$MSGDEF	
LIB\$_FATERRLIB	0015820C	LIB\$MSGDEF	
LIB\$_INSVIRMEM	00158214	LIB\$MSGDEF	
LIB\$_INVSTRDES	00158224	LIB\$MSGDEF	
LOGFILE_FAB	00001A04-R	OPC\$OPCOMDATA	LIB\$VM LIB\$VM LIB\$VM LIB\$VM LIB\$ANALYZE_SDESC OPC\$LOGEVENT OPC\$OPCOMINIT OPC\$OPCOMINIT OPC\$OPCOMOLD OPC\$OPCOMINIT OPC\$LOGFILE OPC\$OPCOMINIT OPC\$LOGEVENT OPC\$OPCOMINIT
LOGFILE_HANDLER	00005630-R	OPC\$LOGFILE	OPC\$LOGFILE OPC\$OPCOMMAIN
LOGFILE_MSG	0000189C-R	OPC\$OPCOMDATA	
LOGFILE_NAM	000019A4-R	OPC\$OPCOMDATA	
LOGFILE_OPEN	00001AF0-R	OPC\$OPCOMDATA	
LOGFILE_RAB	00001A54-R	OPC\$OPCOMDATA	OPC\$LOGFILE OPC\$TIMESTAMP
LOGFILE_RES	000018A4-R	OPC\$OPCOMDATA	
LOGI_HANDLER	000048FA-R	OPC\$OPCOMOLD	
LOGTIME_COUNTER	00001B24-R	OPC\$OPCOMDATA	
LOG_MESSAGE	00005208-R	OPC\$LOGEVENT	OPC\$OPCOMMAIN OPC\$TIMESTAMP OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$SECURITY OPC\$CLUMBX OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRQST OPC\$OPRENABLE OPC\$TIMESTAMP
LOG_MESSAGE_PUT	000052BA-R	OPC\$LOGEVENT	
LOOPS	00001C68-R	OPC\$SHUTDOWNL	
MAX_DS_TYPE	00000004	OPC\$OPCOMDATA	
MAX_SCOPE	00000004	OPC\$OPCOMDATA	OPC\$ALLOCATE OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$TIMESTAMP OPC\$OPCOMUTIL OPC\$ALLOCATE OPC\$LOGEVENT OPC\$ALLOCATE OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPERUTIL OPC\$TIMESTAMP
MBX_FAO	00001AE8-R	OPC\$OPCOMDATA	
MCB_K_TYPE	00000002	OPC\$OPCOMDATA	OPC\$TIMESTAMP OPC\$CLUSMSG OPC\$OPCOMUTIL OPC\$OPCOMINIT OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$OPRENABLE
MIN_DS_TYPE	00000001	OPC\$OPCOMDATA	
MIN_SCOPE	00000001	OPC\$OPCOMDATA	
MSG1	00001804-R	OPC\$OPCOMDATA	
MSG2	00001854-R	OPC\$OPCOMDATA	

Symbol	Value	Defined By	Referenced By ...
NEXT_SEQUENCE NOD_READ	00001AD0-R 00001B18-R	OPC\$OPCOMDATA OPC\$OPCOMDATA	OPC\$CLUSUTIL OPC\$CLUSCOMM OPC\$CLUSREPLY OPC\$OPCOMINIT OPC\$TIMESTAMP OPC\$CLUSUTIL OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMRPLY OPC\$OPRENABLE OPC\$TIMESTAMP OPC\$LOGFILE OPC\$OPERUTIL OPC\$STATUS OPC\$ALLOCATE OPC\$ALLOCATE OPC\$CLUMBX OPC\$CLUSUTIL OPC\$OPCOMINIT OPC\$OPERUTIL OPC\$OPCOMINIT OPC\$ALLOCATE OPC\$CLUSREPLY OPC\$SHARE_VM OPC\$ALLOCATE OPC\$CLUSMSG OPC\$OPCOMRPLY OPC\$OPCOMUTIL OPC\$REPLYBRD OPC\$SHARE_INITOPERNAM OPC\$OPCOMMAIN
NOD_K_TYPE NOTIFY_LISTED_OPERATORS	00000004 00005916-R	OPC\$OPCOMDATA OPC\$OPERUTIL	OPC\$CLUSMSG OPC\$CLUSUTIL OPC\$OPCOMRST OPC\$CLUMBX OPC\$CLUSUTIL OPC\$LOGFILE OPC\$OPCOMRST OPC\$SECURITY
NOTIFY_OPERATOR	000059AA-R	OPC\$OPERUTIL	OPC\$OPCOMRPLY OPC\$OPRENABLE
OCD_K_TYPE OCD_VECTOR	00000003 00001A98-R	OPC\$OPCOMDATA OPC\$OPCOMDATA	OPC\$OPCOMINIT OPC\$CANCEL OPC\$CLUSMSG OPC\$DEVICE OPC\$OPCOMUTIL OPC\$TIMESTAMP
OPAO_ENABLE_MSG OPC\$FREE_VM	0000184C-R 00005CA2-R	OPC\$OPCOMDATA OPC\$SHARE_VM	OPC\$CLUSCOMM OPC\$REPLYBRD
OPC\$GET_VM	00005C94-R	OPC\$SHARE_VM	OPC\$CLUSCOMM OPC\$OPCOMINIT OPC\$OPCOMRST OPC\$OPERUTIL OPC\$SECURITY OPC\$SHARE_VM
OPCOM_INIT OPCOM_MAIN OPERUTIL_CLM_IMP_DISABLE OPER_IDENT_NUM OPER_MBX_CHAN OPER_MBX_NAME OPER_NAME OPRENABLE_CLM_HANDLER OPRENABLE_HANDLER	00005CB0-R 00003200-R 00005A75-R 00001AD6-R 00001AD4-R 00001AD8-R 00001B30-R 00006246-R 00005F48-R	OPC\$OPCOMINIT OPC\$OPCOMMAIN OPC\$OPERUTIL OPC\$OPCOMDATA OPC\$OPCOMDATA OPC\$OPCOMDATA OPC\$SHARE_INITOPERNAM OPC\$OPRENABLE OPC\$OPRENABLE	OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMINIT OPC\$OPCOMUTIL OPC\$CLUSMSG OPC\$OPCOMINIT OPC\$OPCOMOLD
PURGE_LIMIT REPLYBRD_BRKTHRU_AST REPLYBRD_BRKTHRU_QUEUE REPLYBRD_FORMAT REPLYBRD_IO REPLYBRD_IO_LIST REPLYBRD_NOTIFY_ALL REPLYBRD_NOTIFY_DEV REPLYBRD_NOTIFY_IO REPLYBRD_NOTIFY_USE REPLYBRD_OK_TO_QUEUE_WRITE	00001B2C-R 0000642C-R 0000652E-R 000066AE-R 00006838-R 0000696B-R 0000699C-R 00006A41-R 00006AB1-R 00006B3A-R 00006BE2-R	OPC\$TIMESTAMP OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD OPC\$REPLYBRD	OPC\$CLUSREPLY OPC\$CLUSREPLY OPC\$CLUSREPLY OPC\$OPERUTIL

Symbol	Value	Defined By	Referenced By ...
REPLYBRD STATUS	00001C60-R	OPC\$REPLYBRD	
REPLY_CLM_HANDLER	00006E60-R	OPC\$OPCOMRPLY	OPC\$CLUSMSG
REPLY_HANDLER	00006C4C-R	OPC\$OPCOMRPLY	OPC\$OPCOMMAIN
REPLY_IMAGE	00001C64-R	OPC\$REPLYBRD	OPC\$OPCOMOLD
REQUEST_CLM_CHECK_HANDLER	00007227-R	OPC\$OPCOMRQST	OPC\$CLUSMSG
REQUEST_CLM_HANDLER	00007187-R	OPC\$OPCOMRQST	OPC\$CLUSMSG
REQUEST_HANDLER	00006F84-R	OPC\$OPCOMRQST	OPC\$OPCOMMAIN
REQUEST_NUMBER	00001ACC-R	OPC\$OPCOMDATA	OPC\$OPCOMOLD
RPLY_HANDLER	0000497F-R	OPC\$OPCOMOLD	OPC\$SECURITY
RQCB_K_TYPE	00000001	OPC\$OPCOMDATA	OPC\$OPCOMMAIN
			OPC\$ALLOCATE
			OPC\$CLUMBX
			OPC\$CLUSMSG
			OPC\$CLUSUTIL
			OPC\$DEVICE
			OPC\$OPCOMUTIL
			OPC\$OPREENABLE
			OPC\$OPCOMMAIN
			OPC\$ALLOCATE
			OPC\$OPCOMINIT
			OPC\$OPCOMOLD
			OPC\$OPCOMMAIN
			OPC\$CANCEL
			OPC\$OPCOMRQST
			OPC\$OPERUTIL
			OPC\$SECURITY
			OPC\$CLUSUTIL
			OPC\$CLUSUTIL
			OPC\$CLUSUTIL
			OPC\$CLUSUTIL
			OPC\$CLUSCOMM
			OPC\$OPCOMMAIN
			OPC\$DEVICE
			OPC\$REPLYBRD
			OPC\$OPCOMINIT
			OPC\$CLUSMSG
			OPC\$OPCOMMAIN
			OPC\$SHUTDOWN
			OPC\$OPCOMMAIN
			OPC\$SHUTDOWN
			OPC\$SHUTDOWN
			OPC\$SHUTDOWNL
			OPC\$SHUTDOWN
			OPC\$ALLOCATE
			OPC\$OPCOMMAIN
			OPC\$OPCOMOLD
			OPC\$OPCOMMAIN
			OPC\$OPCOMINIT
			OPC\$OPCOMDATA
			OPC\$REPLYBRD
			OPC\$SECURITY
			OPC\$OPCOMINIT
			OPC\$GPCOMUTIL
			OPC\$OPERUTIL
			OPC\$REPLYBRD
			OPC\$LOGFILE
			OPC\$REPLYBRD
			OPC\$CLUSCOMM
			OPC\$OPCOMINIT
			OPC\$OPERUTIL
			OPC\$SHUTDOWN
			LIB\$PUT_OUTPUT
			OPC\$LOGFILE
			OPC\$LOGFILE
			OPC\$OPCOMUTIL
			OPC\$OPERUTIL
			OPC\$CLUSCOMM
			OPC\$REPLYBRD
			LIB\$VM
			OPC\$CLUSMSG
			OPC\$OPCOMOLD
			OPC\$OPERUTIL
			OPC\$DEVICE
			OPC\$OPCOMUTIL
			OPC\$REPLYBRD

Sym

BOD

BOD

BOD

BOD

BOD

BOD

BOD

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CL1

CLU

FOR

LCL

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

LIB

Symbol -----	Value -----	Defined By -----	Referenced By ... -----	
SYSS\$FAOL	7FFEDF58	SYS	OPC\$SECURITY OPC\$LOGEVENT OPC\$SHARE FAOBUF OPC\$LOGEVENT OPC\$DEVICE OPC\$OPERUTIL OPC\$REPLYBRD OPC\$SHARE DEVNAME OPC\$TIMESTAMP OPC\$OPCOMRQST OPC\$REPLYBRD OPC\$SHARE INITOPERNAM OPC\$OPCOMINIT OPC\$CLUSUTIL OPC\$CLUSCOMM OPC\$OPCOMINIT	OPC\$TIMESTAMP OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$OPCOMUTIL OPC\$TIMESTAMP OPC\$OPCOMUTIL OPC\$SECURITY
SYSS\$FLUSH	7FFEE1F0	SYSS\$P1_VECTOR		
SYSS\$GETDEV	7FFEE0D0	SYSS\$P1_VECTOR		
SYSS\$GETDVI	7FFEE410	SYSS\$P1_VECTOR		
SYSS\$GETDVIW	7FFEE418	SYS		
SYSS\$GETJPI	7FFEE0D8	SYS		
SYSS\$GETMSG	7FFEE0B0	SYS		
SYSS\$GETSYI	7FFEE3F8	SYSS\$P1_VECTOR		
SYSS\$GETSYIW	7FFEE430	SYSS\$P1_VECTOR		
SYSS\$GETTIM	7FFEDF78	SYSS\$P1_VECTOR		
SYSS\$GL_OPRMBX	800015D0	SYS		
SYSS\$K_VERSION	48513258	SYS		
SYSS\$PORGWS	7FFEDFB0	SYSS\$P1_VECTOR		
SYSS\$PUT	7FFEE188	SYS		
SYSS\$QIO	7FFEDFC8	SYS		
SYSS\$QIOW	7FFEDE00	SYS		
SYSS\$SETAST	7FFEDFF8	SYS		
SYSS\$SETEF	7FFEE000	SYS		
SYSS\$SETIMR	7FFEE020	SYS		
SYSS\$SETPRV	7FFEE100	SYS		
SYSS\$SRCHANDLER	7FFEE118	SYSS\$P1_VECTOR		
SYSS\$TRNLOG	7FFEE058	SYS		
SYSS\$WAIT	7FFEE1A8	SYSS\$P1_VECTOR		
SYSS\$WAITFR	7FFEE078	SYS		
TERME_HANDLER	00004B8C-R	OPC\$OPCOMOLD		
TIME_STAMP	000053C8-R	OPC\$TIMESTAMP		
TRIM_LENGTH	00003AF1-R	OPC\$OPCOMUTIL		
UNKNOWN_HANDLER	00008310-R	OPC\$UNKNOWN		
UNKNOWN_MESSAGE_COUNT	00001AC8-R	OPC\$OPCOMDATA		
UPD_OPER_CONTEXT	00005AF2-R	OPC\$OPERUTIL		
VALID_OPERATOR	00005BAC-R	OPC\$OPERUTIL		
WAIT_DELTA	0000051C-R	OPC\$OPCOMDATA		
WRITE_LOG_FILE	00005314-R	OPC\$LOGEVENT		

! Symbols By Value !

Value		Symbols...	
00000001	MIN_DS_TYPE	MIN_SCOPE	RQCB_K_TYPE
00000002	MCB_K_TYPE		
00000003	OCB_K_TYPE		
00000004	MAX_DS_TYPE	MAX_SCOPE	NOD_K_TYPE
00000014	SSS_BADPARAM		
0000051C	R-WAIT_DELTA		
00000544	R-ASCII_INVALIDRQCB		
000006D8	BUGS_OPERCRASH		
00001800	R-FINISHED		
00001804	R-MSG1		
0000184C	R-OPAO_ENABLE_MSG		
00001854	R-MSG2		
0000189C	R-LOGFILE_MSG		
000018A4	R-LOGFILE_RES		
000019A4	R-LOGFILE_NAM		
00001A04	R-LOGFILE_FAB		
00001A54	R-LOGFILE_RAB		
00001A98	R-OCB_VECTOR		
00001AB8	R-DISABLED_OPER_Q		
00001AC0	R-CANCELED_RQST_Q		
00001AC8	R-UNKNOWN_MESSAGE_COUNT		
00001ACC	R-REQUEST_NUMBER		
00001AD0	R-NEXT_SEQUENCE		
00001AD4	R-OPER_MBX_CHAN		
00001AD6	R-OPER_IDENT_NUM		
00001AD8	R-OPER_MBX_NAME		
00001AE0	R-DEVICE_FAO		
00001AE8	R-MBX_FAO		
00001AF0	R-LOGFILE_OPEN		
00001AF4	R-BYPASS_PRIV		
00001AFC	R-LCL_NODENAME		
00001B04	R-SEQ_WIDTH_DEF		
00001B08	R-SEQ_WIDTH		
00001B0C	R-SEQ_SEED		
00001B10	R-LCL_CSID		
00001B14	R-LCL_NOD		
00001B18	R-NOD_HEAD		
00001B20	R-SYI_SWPOUTPGCNT		
00001B24	R-LOGTIME_COUNTER		
00001B28	R-GLOBAL_STATUS		
00001B2C	R-PURGE_LIMIT		
00001B30	R-OPER_NAME		
00001C30	R-BOD_ALLOCATED		
00001C34	R-BOD_BUSY_COUNT		
00001C38	R-BOD_BUSY_MAX		
00001C3C	R-BOD_REQUESTS		
00001C40	R-BOD_BUSY_QUEUE		
00001C48	R-BOD_FREE_QUEUE		
00001C50	R-BOD_WAIT_QUEUE		

Value	Symbols...
00001C58	R-BOD_GARBAGE_QUEUE
00001C60	R-REPLYBRD_STATUS
00001C64	R-REPLY_IMAGE
00001C68	R-LOOPS
00001C6C	R-COD_ALLOCATED
00001C70	R-COD_BUSY_COUNT
00001C74	R-COD_BUSY_MAX
00001C78	R-COD_BUSY_NODE
00001C7C	R-COD_ERRORS
00001C80	R-COD_FLUSHED
00001C84	R-COD_REQUESTS
00001C88	R-COD_QUEUED
00001C8C	R-COD_BUSY_QUEUE
00001C94	R-COD_FREE_QUEUE
00001C9C	R-COD_WAIT_QUEUE
00001CA4	R-COD_GARBAGE_QUEUE
00003170	R-SCB_TABLE
00003200	R-OPCOM_MAIN
00003408	R-CANCEL_HANDLER
00003547	R-CANCEL_CLM_HANDLER
00003614	R-CHECK_REQUEST
0000368A	R-FIND_OCD
0000371C	R-FORMAT_MESSAGE
000038AC	R-INTERPRET_MASK
000039AF	R-SEND_REPLY
00003AF1	R-TRIM_LENGTH
00003B10	R-CLUMBX_HANDLER
00003D3C	R-CLUSMSG_ACK_PLEASE
00003D9E	R-CLUSMSG_CLM_ACK_HANDLER
00003DD2	R-CLUSMSG_CLM_ACK_PLEASE_HANDLER
00003E4A	R-CLUSMSG_CLM_NOTIFY_HANDLER
00003EC8	R-CLUSMSG_CONV_CLM_RQCB
00004066	R-CLUSMSG_HANDLER
000041A3	R-CLUSMSG_RQCB_SEND
00004279	R-CLUSMSG_STATE_SEND
00004344	R-CLUSREPLY_RPYBRD_HANDLER
00004387	R-CLUSREPLY_RPYBRD_LOCAL_HANDLER
0000443B	R-CLUSREPLY_RPYNOT_HANDLER
000044B5	R-CLUSUTIL_CONFIGURE
000045BB	R-CLUSUTIL_FIND_NOD_BY_CSID
000045DF	R-CLUSUTIL_FIND_NOD_BY_NAME
0000460C	R-CLUSUTIL_FIND_NOD_BY_SYSTEMID
00004637	R-CLUSUTIL_INCR_SEQUENCE
00004657	R-CLUSUTIL_INIT
000046E3	R-CLUSUTIL_NEXT_SEQUENCE
000046F4	R-CLUSUTIL_NODE_ACTIVATE
00004718	R-CLUSUTIL_NODE_INACTIVATE
000047CD	R-CLUSUTIL_NODE_MESSAGE
0000485D	R-CLUSUTIL_NODE_START
00004891	R-CLUSUTIL_SYSTEMID_EQUAL
000048A4	R-CNCL_HANDLER
000048FA	R-LOGI_HANDLER

Value	Symbols...
0000497F	R-RPLY_HANDLER
00004A32	R-RQST_HANDLER
00004AA4	R-SECU_HANDLER
00004B16	R-STS_HANDLER
00004B8C	R-TERM_HANDLER
00004C1C	R-ALLOCATE_DS
00004CC3	R-CREATE_OCD
00004D44	R-DEALLOCATE_DS
00004D92	R-DEALLOCATE_MCB
00004DCD	R-DEALLOCATE_OCD
00004E17	R-DEALLOCATE_RQCB
00004E70	R-DEVICE_HANDLER
000050EC	R-DUMP_LOG_FILE
00005208	R-LOG_MESSAGE
000052BA	R-LOG_MESSAGE_PUT
00005314	R-WRITE_LOG_FILE
000053C8	R-TIME_STAMP
0000557D	R-IMPLICITLY_CANCELED
000055F0	R-IMPLIED_CANCEL
00005628	R-IMPLIED_DISABLE
00005630	R-LOGFILE_HANDLER
0000576C	R-CHECK_OPER_COVERAGE
000057CD	R-FIND_OPERATOR
0000584D	R-IMPLICIT_DISABLE
00005916	R-NOTIFY_LISTED_OPERATORS
000059AA	R-NOTIFY_OPERATOR
00005A75	R-OPERUTIL_CLM_IMP_DISABLE
00005AF2	R-UPD_OPER_CONTEXT
00005BAC	R-VALID_OPERATOR
00005C94	R-OPCSGET_VM
00005CA2	R-OPCSFREE_VM
00005CB0	R-OPCOM_INIT
00005EC4	R-SHARE_INIT_OPER_NAME
00005F48	R-OPRENABLE_HANDLER
00006246	R-OPRENABLE_CLM_HANDLER
0000642C	R-REPLYBRD_BRKTHRU_AST
0000652E	R-REPLYBRD_BRKTHRU_QUEUE
000066AE	R-REPLYBRD_FORMAT
00006838	R-REPLYBRD_IO
0000696B	R-REPLYBRD_IO_LIST
0000699C	R-REPLYBRD_NOTIFY_ALL
00006A41	R-REPLYBRD_NOTIFY_DEV
00006AB1	R-REPLYBRD_NOTIFY_IO
00006B3A	R-REPLYBRD_NOTIFY_USE
00006BE2	R-REPLYBRD_OK_TO_QUEUE_WRITE
00006C4C	R-REPLY_HANDLER
00006E60	R-REPLY_CLM_HANDLER
00006F84	R-REQUEST_HANDLER
00007187	R-REQUEST_CLM_HANDLER
00007227	R-REQUEST_CLM_CHECK_HANDLER
000072D8	R-SECURITY_HANDLER
0000747D	R-FORMAT_ALARM

Value	Symbols...
00008124	R-SHARE_FAO_BUFFER
0000814C	R-SHARE_FULC_DEVNAME
00008190	R-SHUTDOWN_HANDLER
000081F9	R-SHUTDOWN_CLM_HANDLER
00008220	R-STATUS_HANDLER
00008310	R-UNKNOWN_HANDLER
00008324	R-CLUSCOMM_COD_ALLOCATE
0000839E	R-CLUSCOMM_DECCARE_KERNEL_AST
000083AE	R-CLUSCOMM_OUTPUT_KERNEL_AST
000084B4	R-CLUSCOMM_COD_ERROR
000084F1	R-CLUSCOMM_COD_ERROR_AST
00008565	R-CLUSCOMM_SEND
000085D2	R-CLUSCOMM_SEND_ONE
00008657	R-CLUSCOMM_TARGET_IN_QUEUE
00008800	R-SHUTDOWN_LOOP
00008A34	R-LIB\$SGL_GETVM_C
00008A38	R-LIB\$SGL_FREVM_C
00008A3C	R-LIB\$SGL_VMINUSE
00008C00	R-LIB\$GET_VM
00008D8A	R-LIB\$FREE_VM
00008E70	R-LIB\$PUT_OUTPUT
00008F68	R-LIB\$STOP
00008F6E	R-LIB\$SIGNAL
00009044	R-LIB\$ANALYZE_SDESC
00009059	R-LIB\$ANALYZE_SDESC_R2
0015820C	LIB\$_FATERRCIB
00158214	LIB\$_INSVIRMEM
00158224	LIB\$_INVSTRDES
00158264	LIB\$_BADBLOADR
0015826C	LIB\$_BADBLOSIZ
48513258	SYSSR_VERSION
7FFFEDE00	SYSSQIOW
7FFFEDE48	SYSSASCTIM
7FFFEDE50	SYSSASSIGN
7FFFEDE90	SYSSCMKRNL
7FFFEDE98	SYSSCLREF
7FFFEDEE0	SYSSDASSGN
7FFFEDEE8	SYSSDCLAST
7FFFEDF48	SYSSEXPREG
7FFFEDF50	SYSSFAO
7FFFEDF58	SYSSFAOL
7FFFEDF78	SYSSGETTIM
7FFFEDFB0	SYSSPURGWS
7FFEDFC8	SYSSQIO
7FFEDFF8	SYSSSETAST
7FFEE000	SYSSSETEF
7FFEE020	SYSSSETIMR
7FFEE058	SYSSSTRNLOG
7FFEE078	SYSSWAITFR
7FFEE0B0	SYSSGETMSG
7FFEE0D0	SYSSGETDEV
7FFEE0D8	SYSSGETJPI

Value	Symbols...
7FFEE100	SYSS\$SETPRV
7FFEE118	SYSS\$SRCHANDLER
7FFEE188	SYSS\$PUT
7FFEE1A8	SYSS\$WAIT
7FFEE1B8	SYSS\$CLOSE
7FFEE1C0	SYSS\$CONNECT
7FFEE1C8	SYSS\$CREATE
7FFEE1F0	SYSS\$FLUSH
7FFEE3F8	SYSS\$GETSYI
7FFEE410	SYSS\$GETDVI
7FFEE418	SYSS\$GETDVIW
7FFEE430	SYSS\$GETSYIW
7FFEE4C8	SYSS\$BRKTHRU
800015D0	SYSS\$GL_OPRMBX
8000388E	EXES\$ALCOC_CSD
80003894	EXES\$DEALLOC_CSD
800038A0	EXES\$CSP_CALC
8001594D	EXES\$SETOPR

Key for special characters above:

*	- Undefined
U	- Universal
R	- Relocatable
X	- External

! Image Synopsis !

Virtual memory allocated: 00000200 000093FF 00009200 (37376. bytes, 73. pages)
Stack size: 20. pages
Image header virtual block limits: 1. (1. block)
Image binary virtual block limits: 2. (72. blocks)
Image name and identification: OPCOM V04-000
Number of files: 4.
Number of modules: 38.
Number of program sections: 14.
Number of global symbols: 226.
Number of cross references: 816.
Number of image sections: 7.
User transfer address: 00003200
Image type: EXECUTABLE.
Map format: FULL WITH CROSS REFERENCE in file _\$255\$DUA28:[OPCOM.LIS]OPCOM.MAP;1
Estimated map length: 112. blocks

! Link Run Statistics !

Performance Indicators

	Page Faults	CPU Time	Elapsed Time
Command processing:	120	00:00:00.39	00:00:01.58
Pass 1:	166	00:00:03.15	00:00:11.23
Allocation/Relocation:	47	00:00:00.27	00:00:00.80
Pass 2:	111	00:00:02.31	00:00:11.46
Map data after object module synopsis:	18	00:00:02.15	00:00:04.19
Symbol table output:	17	00:00:00.34	00:00:03.11
Total run values:	479	00:00:08.61	00:00:32.37

Using a working set limited to 1200 pages and 79 pages of data storage (excluding image)

Total number object records read (both passes): 2060
of which 975 were in libraries and 243 were DEBUG data records containing 16725 bytes

Number of modules extracted explicitly = 1
with 36 extracted to resolve undefined symbols

55 library searches were for symbols not in the library searched

A total of 15 global symbol table records was written

LINK/USERLIB=PROC/NOTRACE/NOSYSSHR/EXECUTABLE=EXE\$:OPCOM/MAP=MAP\$:OPCOM/FULL/CROSS/SYMBOL=EXE\$:OPCOM EXSM:SYS.STB/SELECTIVE,SYSS\$INPU
T/OPTIONS
CLUSTER=OPCOM,,1,LIB\$:OPCOM /INCLUDE=OPC\$OPCOMMAIN /LIBRARY

0288 AH-BT13A-SE
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY

